

## EAST Search History

S79	1	S78 and water	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/14 09:24
S80	0	S78 and aqueous	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/14 09:43
S81	2	10/697401	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/14 09:43
S82	1215	CR-39	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/21 14:03
S83	196	CR-39 near4 polycarbonate	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/21 14:03
S84	4	CR-39 near4 polycarbonate same (anti-fog anti-fogg\$3 fog)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/21 14:04
S85	16	CR-39 near4 polycarbonate and (anti-fog anti-fogg\$3 fog)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/21 14:04
S86	12	S85 not S84	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/21 14:05
S87	688	(fog anti-fog\$3 anti-fogg\$3) near7 (improv\$3 improvement resist\$3 resistance improvement better increas\$3 rais\$3) near7 (water moisture steam aqueous humid\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/21 14:08
S88	534	(fog anti-fog\$3 anti-fogg\$3) near7 (improv\$3 improvement resist\$3 resistance improvement better increas\$3 rais\$3) near7 (water moisture steam aqueous humid\$3)	USPAT; USOCR	OR	ON	2007/04/21 14:08
S89	205	(fog anti-fog\$3 anti-fogg\$3) near7 (improv\$3 improvement resist\$3 resistance improvement better increas\$3 rais\$3) near7 (water moisture steam aqueous humid\$3) and (polycarbonate)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/21 14:56
S90	177	(fog anti-fog\$3 anti-fogg\$3) near7 (improv\$3 improvement resist\$3 resistance improvement better increas\$3 rais\$3) near7 (water moisture steam aqueous humid\$3) and (polycarbonate) and (blend\$3 additive filler)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/21 14:08

## EAST Search History

S91	31	(fog anti-fog\$3 anti-fogg\$3) near7 (additives fillers) same (extruder extrusion extrud\$3) and polycarbonate	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/21 15:02
S92	23	(fog anti-fog\$3 anti-fogg\$3) near7 (additives fillers) same (mold\$3 blend\$3 mix\$3) and polycarbonate	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/21 15:04
S93	113	(general and electric).as. and (anti-fog anti-fogg\$3 fog)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/21 15:05
S94	2	"20050140051"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/04/21 15:21
S95	0	"08390721"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/04/21 15:21
S96	0	"08/390721"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/04/21 15:25
S97	0	"08646667"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/04/21 15:25
S98	1	"08/646667"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/04/21 15:25
S99	0	"08/646677"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/04/21 15:25
S10 0	0	"08646677"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/04/21 15:27
S10 1	2	"6225391".pn.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/04/21 15:28
S10 2	2	"2003176405"	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2007/04/21 15:34

## EAST Search History

S10 3	6	"6490548"	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2007/04/21 15:34
S10 4	2	"20050158537"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 06:45
S10 5	1	"6225391".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 06:46
S10 6	1	"20020023292"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 07:15
S10 7	14646	sulfonic near4 (salt acid) same (fog scratch\$3 coat\$3 anti-fog\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 07:15
S10 8	813	sulfonic near4 (salt acid) same (fog scratch\$3 anti-fog\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 07:40
S10 9	26	sulfonic near4 (salt acid) near7 (fog scratch\$3 anti-fog\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 07:22
S11 0	26	sulfonic near4 (salt acid) near7 (fog scratch\$3 anti-scratch\$3 anti-fog\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 07:27
S11 1	21	sulfonic near7 (fog scratch\$3 anti-scratch\$3 anti-fog\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 07:28
S11 2	0	S111 not S110	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 07:28
S11 3	719	ion\$3 near7 (fog scratch\$3 anti-scratch\$3 anti-fog\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 07:28
S11 4	703	(ion ionic) near7 (fog scratch\$3 anti-scratch\$3 anti-fog\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 07:29
S11 5	391	(ion ionic) near7 (fog scratch\$3 anti-scratch\$3 anti-fog\$3)	USPAT	OR	ON	2007/04/23 07:29
S11 6	256	(ion ionic) near7 (fog anti-fog\$3)	USPAT	OR	ON	2007/04/23 07:29
S11 7	132	(ion ionic) near7 (fog scratch\$3 anti-scratch\$3 anti-fog\$3) and polycarbonate	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 07:29

## EAST Search History

S11 8	57	("2591884"   "2602783"   "2621166"   "2698838"   "2729618"   "2779689"   "2808391"   "2811493"   "2833730"   "2850476"   "2866762"   "2866774"   "2870097"   "2877212"   "2878601"   "2902473"   "2911390"   "2921915"   "2962524"   "3021309"   "3021317"   "3169945"   "3383351"   "3933407"   "4499149"   "5594042"   "5708057"   "5804612"   "5932405"   "6057034"   "6087051"   "6242058"   "6265059"   "6296694").PN. OR ("6780516").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 07:39
S11 9	10	S118 and sulfonic	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 07:39
S12 0	1	S118 and sulfonic and (fog fogging anti-fog\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 07:39
S12 1	1157	sulfonic near4 (salt acid) same (fog\$3 fogging scratch\$3 anti-scratch\$3 anti-fog\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 07:40
S12 2	18	sulfonic near4 (salt acid) same (fog\$3 fogging scratch\$3 anti-scratch\$3 anti-fog\$3) same polycarbonate	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 07:51
S12 3	0	(2002/0103328)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 07:51
S12 4	1	("20020103328")	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 07:52
S12 5	2	"3433653".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 07:52
S12 6	34244	(general and electric).as.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 07:53
S12 7	45	(general and electric).as. and (fog\$3 fog\$3 anti-fog\$3 anti-fogg\$3) and polycarbonate	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 07:53

## EAST Search History

S12 8	372	("1365319"   "20010044003"   "20020035207"   "20020082360"   "20020123603"   "20020132957"   "20030032760"   "20030065071"   "20030105271"   "20030111156"   "20030120025"   "20030170564"   "20040068086"   "20040087756"   "2393967"   "2465319"   "2591884"   "2602783"   "2621166"   "2698838"   "2729618"   "2779689"   "2808391"   "2811493"   "2833730"   "2850476"   "2866762"   "2866774"   "2870097"   "2877212"   "2878601"   "2902473"   "2911390"   "2921915"   "2962524"   "2999835"   "3012923"   "3021309"   "3021317"   "3024496"   "3038365"   "3047539"   "3066046"   "3141898"   "3153008"   "3169121"   "3169945"   "3334154"   "3340087"   "3383351"   "3442854"   "3448720"   "3457408"   "3635895"   "3657588"   "3688149"   "3833537"   "3864428"   "3933407"   "4001184"   "4081383"   "4093589"   "4123436"   "4131575"   "4188314"   "4208704"   "4210841"   "4217438"   "4219871"   "4264487"   "4276583"   "4280173"   "4310656"   "4316240"   "4323668"   "4344120"   "4348462"   "4351018"   "4363905"   "4371660"   "4390935"   "4450249"   "4478876"   "4486504"   "4487896"   "4491508"   "4499149"   "4520074"   "4526926"   "4526929"   "4528311"   "4610833"   "4661567"   "4680372"   "4712507"   "4774315"   "4778656"   "4786692"   "4788108"   "4879355"   "4886875"   "4888400"   "4900544"   "4914150"   "4924800"   "4943380"   "4948871"   "4973616"   "4992218"   "5011879"   "5017659"   "5021521"   "5026817"   "5028690"   "5043203"   "5055523"   "5071884"   "5075348"   "5091591"   "5097002"   "5104732"   "5142018"   "5151491"   "5180595"   "5187214"   "5187242"   "5194523"   "5214072"   "5227240"   "5230753"   "5276129"   "5283285"   "5319066"   "5330596"   "5340905"   "5364926"   "5368941"   "5372884"   "5399659"   "5399661"   "5403535"   "5414057"   "5418316"   "5430166"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 08:26
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## EAST Search History

S12 9	19852	(sulfonic near2 acid near4 ester)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 08:26
S13 0	13678	(sulfonic near2 acid near2 ester)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 08:26
S13 1	7856	(sulfonic adj acid adj ester)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 08:27
S13 2	5060	(sulfonic adj acid adj ester)	USPAT	OR	ON	2007/04/23 08:27
S13 3	357	(sulfonic adj acid adj ester) and (anti-fog fogging fog antifogging anti-fogging)	USPAT	OR	ON	2007/04/23 08:27
S13 4	6	(sulfonic adj acid adj ester) same (anti-fog fogging fog antifogging anti-fogging)	USPAT	OR	ON	2007/04/23 08:28
S13 5	0	(vinyl adj sulfonic adj acid adj ester) same (anti-fog fogging fog antifogging anti-fogging)	USPAT	OR	ON	2007/04/23 08:28
S13 6	24	(vinyl adj sulfonic adj acid adj ester)	USPAT	OR	ON	2007/04/23 08:37
S13 7	48	(vinyl adj sulfonic adj acid adj ester)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 08:37
S13 8	5	(vinyl adj sulfonic adj acid adj ester) same (fog fogging antifog\$3 antifogging anti-fog anti-fogging plasticiz\$3 lubricat\$3 lubricant)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 08:39
S13 9	280	(sulfonic adj acid adj ester) same (fog fogging antifog\$3 antifogging anti-fog anti-fogging plasticiz\$3 lubricat\$3 lubricant)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 08:40
S14 0	9	(sulfonic adj acid adj ester) near7 (salt) same (fog fogging antifog\$3 antifogging anti-fog anti-fogging plasticiz\$3 lubricat\$3 lubricant)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 08:42
S14 1	49	(sulfonic adj acid adj ester) near7 (ionic anionic cationic)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 08:45
S14 2	849	(sulfonic near4 acid near4 ester) near7 (ionic anionic cationic)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 08:46
S14 3	76	(sulfonic near4 acid near4 ester) near7 (ionic anionic cationic) same (fog fogging antifog antifogging anti-fog anti-fogging plasticiz\$3 plasticizer lubricant lubricat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 08:57

## EAST Search History

S14 4	2947	(sulfonic near4 acid) near7 (salt ionic anionic cationic) same (plasticiz\$3 plasticizer lubricant lubricat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 08:57
S14 5	2416	(sulfonic near4 acid) near4 (salt ionic anionic cationic) same (plasticiz\$3 plasticizer lubricant lubricat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 08:57
S14 6	37	(sulfonic near4 acid) near4 (salt ionic anionic cationic) same (plasticiz\$3 plasticizer lubricant lubricat\$3) same polycarbonate	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 08:58
S14 7	4	(sulfonic near4 acid) near4 (salt ionic anionic cationic) near7 (plasticiz\$3 plasticizer lubricant lubricat\$3) same polycarbonate	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 08:58
S14 8	332	(sulfonic near4 acid) near4 (salt ionic anionic cationic) near7 (plasticiz\$3 plasticizer lubricant lubricat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 08:58
S14 9	275	(sulfonic near4 acid) near4 (salt ionic anionic cationic) near7 (plasticiz\$3 plasticizer lubricant lubricat\$3)	USPAT; USOCR	OR	ON	2007/04/23 08:59
S15 0	28	(sulfonic near4 acid) near4 (salt ionic anionic cationic) near7 (plasticiz\$3 plasticizer)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 09:07
S15 1	453	(sulfonic near4 acid) near4 (salt) same (polycarbonate)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 09:07
S15 2	143	(sulfonic near4 acid) near4 (salt) same (polycarbonate) same (extrud\$3 extrusion mix\$3 admix\$3 blend\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 09:08
S15 3	230	(sulfonic near4 acid) near4 (salt) same (polycarbonate) same (extrud\$3 extrusion mix\$3 mixture admix\$3 blend\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 09:11
S15 4	42	(sulfonic near4 acid) near4 (salt) same (polycarbonate) same (extrud\$3 extrusion mix\$3 mixture admix\$3 blend\$3) and (fog fogging antifog antifogging anti-fog\$3 anti-fogging scratch\$3 anti-scratch)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 09:12
S15 5	1	(US-6562936-\$.did.	USPAT	OR	ON	2007/04/23 09:20
S15 6	1	S155 and (sulfonic near2 acid)	USPAT	OR	ON	2007/04/23 09:20

## EAST Search History

S15 7	1	(US-4113695-\$).did.	USPAT	OR	ON	2007/04/23 09:34
S15 8	1	S157 and water	USPAT	OR	ON	2007/04/23 10:00
S15 9	1	"3433653".pn.	USPAT	OR	ON	2007/04/23 10:00
S16 0	0	("3433653").URPN.	USPAT	OR	ON	2007/04/23 10:03
S16 1	0	("3433653").URPN.	USPAT; USOCR	OR	ON	2007/04/23 10:03
S16 2	2	("3433653").pn.	USPAT; USOCR	OR	ON	2007/04/23 10:03
S16 3	0	("3433653").URPN.	USPAT	OR	ON	2007/04/23 10:03
S16 4	5	("2561010" "2928859" "3048263" "3216840" "2280097").pn.	USPAT	OR	ON	2007/04/23 10:04
S16 5	1	(US-2928859-\$).did.	USPAT	OR	ON	2007/04/23 10:10
S16 6	1	(US-2928859-\$).did.	USPAT	OR	ON	2007/04/23 10:11
S16 7	0	S166 and salt	USPAT	OR	ON	2007/04/23 10:15
S16 8	69	sulfonate near7 (fog fogging antifog antifogging anti-fog anti-fogging)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 10:28
S16 9	354	sulfonate near7 (vinyl near2 sulfonic near2 acid)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 10:30
S17 0	265	sulfonate near4 (vinyl near2 sulfonic near2 acid)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 10:29
S17 1	201	sulfonate near4 (vinyl adj sulfonic adj acid)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 10:29
S17 2	6	sulfonate near4 (vinyl adj sulfonic adj acid) near4 (ester)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 10:29
S17 3	1	sulfonate near7 (vinyl near2 sulfonic near2 acid) same (plasticizer)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 10:30
S17 4	1	(US-5606007-\$).did.	USPAT	OR	ON	2007/04/23 11:12
S17 5	1	S174 and (water steam aqueous)	USPAT	OR	ON	2007/04/23 11:34



## EAST Search History

S17 6	1	"5606007".pn.	USPAT	OR	ON	2007/04/23 11:29
S17 7	0	S176 and polyether	USPAT	OR	ON	2007/04/23 11:29
S17 8	1	(US-5276109-\$).did.	USPAT	OR	ON	2007/04/23 11:34
S17 9	1	S178 and (water steam aqueous)	USPAT	OR	ON	2007/04/23 11:59
S18 0	1	(US-20030027941-\$).did.	US-PGPUB	OR	ON	2007/04/23 11:58
S18 1	0	S180 and (water steam aqueous)	USPAT	OR	ON	2007/04/23 12:01
S18 2	1	S180 and (water steam aqueous)	US-PGPUB; USPAT	OR	ON	2007/04/23 12:04
S18 3	1	(US-20020103328-\$).did.	US-PGPUB	OR	ON	2007/04/23 12:04
S18 4	1	S183 and (water steam aqueous)	US-PGPUB; USPAT	OR	ON	2007/04/23 12:07
S18 5	1	(US-6562936-\$).did.	USPAT	OR	ON	2007/04/23 12:06
S18 6	1	S185 and (water steam aqueous)	US-PGPUB; USPAT	OR	ON	2007/04/23 12:10
S18 7	1	S186 and (fog fogging antifog\$3 antifogging anti-fog\$3 anti-fogging)	US-PGPUB; USPAT	OR	ON	2007/04/23 12:10

## EAST Search History

S18 8	344	("1167195"   "1394773"   "2122514"   "2197357"   "2292097"   "2373727"   "2414074"   "2834748"   "2846458"   "3024273"   "3244541"   "3280160"   "3299112"   "3305520"   "3310494"   "3337351"   "3342740"   "3342766"   "3412030"   "3442664"   "3488215"   "3515579"   "3520949"   "3535300"   "3536779"   "3544657"   "3556754"   "3575910"   "3597384"   "3635756"   "3691257"   "3700487"   "3711409"   "3726703"   "3728303"   "3843390"   "3846462"   "3865619"   "3926908"   "3953396"   "4082894"   "4113695"   "4173490"   "4267215"   "4323597"   "4452962"   "4673708"   "4684538"   "4792492").PN. OR ("2550982"   "2561010"   "3048263"   "3275601"   "3321455"   "3433653"   "3544514"   "3700487"   "3799953"   "3843390"   "3856534"   "3933407"   "4080476"   "4113695"   "4201832"   "4826914"   "4913967").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 12:12
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# EAST Search History

S18 9	1069	("20010000769"   "20010000785"   "20010000802"   "20010005512"   "20010010016"   "20010011165"   "20010011779"   "20010013668"   "20010018068"   "20010019182"   "20010021763"   "20010022663"   "20010022982"   "20010024719"   "20010027299"   "20010030808"   "20010034363"   "20010038831"   "20010038977"   "20010044012"   "20010044159"   "20010046559"   "20010047046"   "20010051669"   "20010053421"   "20020001718"   "20020002124"   "20020002242"   "20020002353"   "20020004067"   "20020006493"   "20020006886"   "20020006919"   "20020007111"   "20020008750"   "20020009576"   "20020012773"   "20020012774"   "20020013294"   "20020013549"   "20020016393"   "20020016574"   "20020016625"   "20020018898"   "20020019202"   "20020022046"   "20020022103"   "20020022214"   "20020022849"   "20020025341"   "20020028857"   "20020031731"   "20020037395"   "20030148073"   "20040089433"   "20040091645"   "2366516"   "2414074"   "2489026"   "2559629"   "2591884"   "2602783"   "2621166"   "2698838"   "2729618"   "2731398"   "2732398"   "2779689"   "2803552"   "2808391"   "2809990"   "2811493"   "2833730"   "2850476"   "2866762"   "2866774"   "2870097"   "2877212"   "2878601"   "2902473"   "2911390"   "2921915"   "2962524"   "3021309"   "3021317"   "3022178"   "3075228"   "3169945"   "3183144"   "3212909"   "3280701"   "3300072"   "3301701"   "3337351"   "3355313"   "3383351"   "3392133"   "3414938"   "3415661"   "3437617"   "3443859"   "3479308"   "3484293"   "3489716"   "3493453"   "3515579").PN. OR ("3525712"   "3541040"   "3542713"   "3544514"   "3616365"   "3640543"   "3645992"   "3696043"   "3700487"   "3712875"   "3779965"   "3781238"   "3786954"   "3806229"   "3814983"   "3816184"   "3819522"   "3822238"   "3826127"   "3833368"   "3833537"   "3856534"   "3864132"   "3867375"   "3869196"   "3897995"   "3895155"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 12:12
4/23/2007 5:07:08 PM		C:\Documents and Settings\jwolschlag\My Documents\EAST\Workspaces\10749071.wsp				Page 19

## EAST Search History

S19 0	11	("2001/0019182"   "2002/0045027"   "2002/0103328"   "2003/0027941"   "2003/0117707"   "2003/0148113"   "2004/0237833"   "2005/0140051"   "2005/0148710"   "2006/0201614").URPN.	USPAT	OR	ON	2007/04/23 12:13
S19 1	1381	S188 S189 S190	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 12:16
S19 2	105	S191 and (ionic anionic cationic) near7 (water steam aqueous)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 12:17
S19 3	4	("2962450" "3075228").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 12:16
S19 4	0	S193 and polycarbonate	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 12:16
S19 5	2	S193 and plastic	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 12:16
S19 6	34	("3075228").URPN.	USPAT	OR	ON	2007/04/23 12:16
S19 7	8	S196 and (ionic anionic cationic) near7 (water steam aqueous)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 12:16
S19 8	1404	S188 S189 S190 S196	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 12:16
S19 9	106	S198 and (ionic anionic cationic) near7 (water steam aqueous)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 12:38
S20 0	38	S198 and (sulfonic sulfonate) near7 (fog fogging antifog antifogging anti-fog anti-fogging haze wettability)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 12:48
S20 1	1	(US-6790899-\$.did.	USPAT	OR	ON	2007/04/23 12:40
S20 2	1	S201 AND (fog fogging antifog antifogging anti-fog anti-fogging haze wettability water aqueous steam)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 12:41
S20 3	10	(sulfonic sulfonate) near7 (fog fogging antifog antifogging anti-fog anti-fogging haze wettability)	EPO; JPO	OR	ON	2007/04/23 12:49
S20 4	29039	(fog fogging antifog antifogging anti-fog anti-fogging haze wettability)	EPO; JPO	OR	ON	2007/04/23 12:49

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S20 5	118	(fog fogging antifog antifogging anti-fog anti-fogging) near7 (dip dipped expos\$3 exposure contact\$3 spray\$3) near7 (water steam aqueous liquid)	EPO; JPO	OR	ON	2007/04/23 12:57
S20 6	1575	(fog fogging antifog antifogging anti-fog anti-fogging) near7 (dip dipped expos\$3 exposure contact\$3 spray\$3) near7 (water steam aqueous liquid)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 12:57
S20 7	117	(fog fogging antifog antifogging anti-fog anti-fogging) near7 (dip dipped expos\$3 exposure contact\$3 spray\$3) near7 (water steam aqueous liquid) and polycarbonate	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 13:15
S20 8	1	(US-20050019700-\$.did.	US-PGPUB	OR	ON	2007/04/23 13:04
S20 9	1	S208 and (humidity)	US-PGPUB	OR	ON	2007/04/23 13:05
S21 0	1	S208 and (subject\$3)	US-PGPUB	OR	ON	2007/04/23 13:05
S21 1	1442	(fog fogging antifog antifogging anti-fog anti-fogging).ti.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 13:15
S21 2	13	S211 and (dip dipped expos\$3 exposure spray\$3) near7 (water steam aqueous liquid) near7 (improv\$3 increas\$3 enhanc\$3 better improvement)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 13:28
S21 3	213	S211 and (dip dipped expos\$3 exposure spray\$3) near7 (water steam aqueous liquid)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 13:55
S21 4	2	"3321455".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 13:56
S21 5	1	S214 and water	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 13:56
S21 6	1	"6225391".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 14:30
S21 7	16	S216 and polycarbonate terephthlate	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 14:30
S21 8	0	S216 and (polycarbonate terephthlate)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 14:31

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S21 9	1	(hydrolysis hyrdolysz\$3) near7 (expos\$3 exposure contact\$3) near7 water	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 14:32
S22 0	1503	(hydrolysis hyrdolysz\$3) near7 (expos\$3 exposure contact\$3) near7 water	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 14:33
S22 1	27	(hydrolysis hyrdolysz\$3) near7 (expos\$3 exposure contact\$3) near7 water and (fog fogging antifog antifogging anti-fog anti-fogging)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 14:34
S22 2	20	(hydrolysis hyrdolysz\$3) near7 (expos\$3 exposure contact\$3) near7 water and (wettability)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 14:37
S22 3	277	(hydrolysis hyrdolysz\$3) near7 (expos\$3 exposure contact\$3) near7 water and polycarbonate	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 14:38
S22 4	40	(hydrolysis hyrdolysz\$3) near7 (expos\$3 exposure contact\$3) near7 water same polycarbonate	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 14:56
S22 5	12	("3475372"   "3535300"   "3763063"   "3769367"   "3809676").PN. OR ("4374226"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 14:44
S22 6	1	(US-4374226-\$.)did.	USPAT	OR	ON	2007/04/23 14:49
S22 7	0	S226 and (fog fogging)	USPAT	OR	ON	2007/04/23 14:49
S22 8	35	(hydrophilic) near7 (expos\$3 exposure contact\$3) near7 water same (fog fogging antifog antifogging anti-fog anti-fogging)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 15:02
S22 9	145	(fog fogging antifog antifogging anti-fog anti-fogging) near4 (migrat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 15:19
S23 0	22	(fog fogging antifog antifogging anti-fog anti-fogging) near4 (migrat\$3) and (sulfonic sulfonate)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 15:16
S23 1	22	(fog fogging antifog antifogging anti-fog anti-fogging) near4 (migrat\$3) and (sulphonic sulphonate)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 15:17
S23 2	35	(fog fogging antifog antifogging anti-fog anti-fogging) near7 (migrat\$3) and (sulphonic sulphonate)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 15:17

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S23 3	13	S232 not S231	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 15:17
S23 4	12	(fog fogging antifog antifogging anti-fog anti-fogging) near4 (migrat\$3)	EPO; JPO	OR	ON	2007/04/23 15:22
S23 5	1	"2854136"	EPO; JPO	OR	ON	2007/04/23 15:23
S23 6	8	"2854136"	EPO; JPO; DERWENT	OR	ON	2007/04/23 15:24
S23 7	15985	(expos\$3 exposure contact\$3 dip dipped) near4 (water polar aqueous steam) same (hydrophilic migrat\$3 antifog anti-fog anti-fogging fog)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 15:27
S23 8	6731	(expos\$3 exposure contact\$3 dip dipped) near4 (water polar aqueous steam) near10 (hydrophilic migrat\$3 antifog anti-fog anti-fogging fog)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 15:28
S23 9	5857	(expos\$3 exposure contact\$3 dip dipped) near4 (water polar aqueous steam) near7 (hydrophilic migrat\$3 antifog anti-fog anti-fogging fog)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 15:28
S24 0	4811	(expos\$3 exposure contact\$3 dip dipped) near4 (water polar aqueous steam) near7 (hydrophilic migrat\$3 antifog anti-fog anti-fogging fog)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 15:28
S24 1	1016	(expos\$3 exposure contact\$3 dip dipped) near4 (water polar aqueous steam) near7 (hydrophilic migrat\$3 antifog anti-fog anti-fogging fog) and (sulfonic sulfonate salt) and (polycarbonate terephthalate)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 15:34
S24 2	39	(expos\$3 exposure contact\$3 dip dipped) near4 (water polar aqueous steam) near7 (antifog anti-fog anti-fogging fog) and (sulfonic sulfonate salt) and (polycarbonate terephthalate)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 15:34
S24 3	19	(expos\$3 exposure dip dipped) near4 (water polar aqueous steam) near7 (antifog anti-fog anti-fogging fog) and (sulfonic sulfonate salt) and (polycarbonate terephthalate)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 15:33

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S24 4	358	(expos\$3 exposure dip dipped) near4 (water polar aqueous steam) near7 (hydrophilic migrat\$3 antifog anti-fog anti-fogging fog) and (sulfonic sulfonate salt) and (polycarbonate terephthalate)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 15:34
S24 5	75	(expos\$3 exposure dip dipped) near4 (water polar aqueous steam) near7 (antifog anti-fog anti-fogging fog) and (sulfonic sulfonate salt)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 15:50
S24 6	0	("2005/0137302").URPN.	USPAT	OR	ON	2007/04/23 15:43
S24 7	1	"4325638".pn.	USPAT	OR	ON	2007/04/23 15:43
S24 8	1	2002-060692	JPO; DERWENT	OR	ON	2007/04/23 15:49
S24 9	3	"2002060692"	JPO; DERWENT	OR	ON	2007/04/23 15:49
S25 0	56	(treat\$3 treatment post-treat\$3 posttreatment post-treatment) near4 (water polar aqueous steam) near7 (antifog anti-fog anti-fogging fog) and (sulfonic sulfonate salt)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 16:02
S25 1	22	("2310223"   "2455936"   "3700487"   "3840482").PN. OR ("4127682").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 15:56
S25 2	48	("2310223"   "2455936"   "3318856"   "3525636"   "3652328"   "3700487"   "3840482"   "3933407"   "3971872"   "3986997"   "4027073").PN. OR ("4064308"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 15:56
S25 3	60	S251 S252	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 15:56
S25 4	15	S253 and (antifog anti-fog anti-fogging fog)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 15:57
S25 5	209	(treat\$3 treatment post-treat\$3 posttreatment post-treatment expos\$3 exposure dip dipped) near4 (water polar aqueous steam) near7 (antifog anti-fog anti-fogging fog)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 16:05



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S25 6	301	(treat\$3 treatment post-treat\$3 posttreatment post-treatment expos\$3 exposure dip dipped condition\$3) near4 (water polar aqueous steam) near7 (antifog anti-fog anti-fogging fog)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 16:05
S25 7	498	(treat\$3 treatment post-treat\$3 posttreatment post-treatment expos\$3 exposure dip dipped condition\$3) near7 (water polar aqueous steam) near7 (antifog anti-fog anti-fogging fog)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 16:05
S25 8	280	(treat\$3 treatment post-treat\$3 posttreatment post-treatment expos\$3 exposure dip dipped condition\$3) near7 (water polar aqueous steam) near7 (antifog anti-fog anti-fogging fog) and (salt sulfonic sulfonate polycarbonate terephthalate terephthalate)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 16:06
S25 9	291	(treat\$3 treatment post-treat\$3 posttreatment post-treatment expos\$3 exposure dip dipped condition\$3) near7 (water polar aqueous steam) near7 (antifog anti-fog anti-fogging fog) and (salt sulfonic sulfonate polycarbonate terephthalate terephthalate ionic cationic anionic)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 16:22
S26 0	4	(treat\$3 treatment post-treat\$3 posttreatment post-treatment expos\$3 exposure dip dipped condition\$3) near7 (water polar aqueous steam) near7 (antifog anti-fog anti-fogging fog) and (salt sulfonic sulfonate polycarbonate terephthalate terephthalate ionic cationic anionic)	EPO; JPO	OR	ON	2007/04/23 16:24
S26 1	2	("5166309" "5213891").pn.	USPAT	OR	ON	2007/04/23 16:25
S26 2	2	S261 and water	USPAT	OR	ON	2007/04/23 16:44
S26 3	0	"10749071"	US-PGPUB; USPAT	OR	ON	2007/04/23 16:44
S26 4	1	"10/749071"	US-PGPUB; USPAT	OR	ON	2007/04/23 16:44
S26 5	1	S264 and (mold\$3)	US-PGPUB; USPAT	OR	ON	2007/04/23 16:45